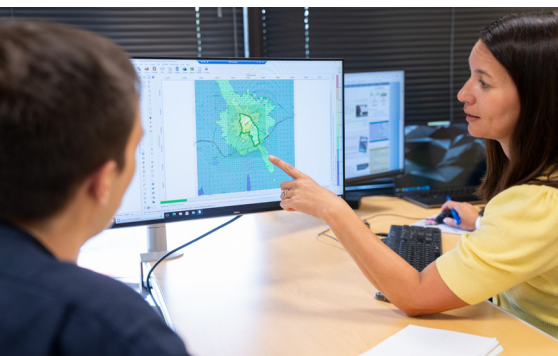


Environmental Risk & Resilience Services

CEC's multi-disciplinary scientists and engineers can help you assess and prioritize operational risks, develop adaptive strategies, build resilience, and chart a course to long-term business continuity.



CEC's mission is to help clients assess environmental risks and build resilient systems that protect people, assets, and operations. Our multi-disciplinary scientists and engineers can help you assess and prioritize operational risks, develop adaptive strategies, build resilience, and chart a course to long-term business continuity. Using ER&R services, we can help you assess, strategize, build, and maintain resilience.



Environmental Risk & Resilience (ER&R) Services encompass CEC's full continuum of capabilities—from rapid, desktop-based risk screening and institutional synthesis to strategy development, engineered infrastructure solutions, and long-term operational resilience support.

ASSESS: IDENTIFY, QUANTIFY, & PRIORITIZE RISKS

Environmental disruptions can impact your operations and those of your value chain. CEC's scientists and engineers help identify, quantify, and prioritize both physical risks — such as flash floods, drought, wildfires, extreme storms, and power disruptions — and transition risks arising from the shift to a low-carbon economy, including regulatory, market, and societal pressures. Our assessments often begin with a screening-level assessment to help clients focus resources on the most impactful solutions. This can include:

Physical Risk Assessment Services:

- Physical climate hazard screening
- Scenario-based geospatial exposure mapping
- Asset and infrastructure vulnerability screening
- Facility- and portfolio-level resilience diagnostics

Transition Risk Assessment Services:

- Regulatory and disclosure alignment
- Energy, water, and material inventories and disclosure support
- ESG readiness and gap assessments

Once priority risks are understood, organizations can translate insight into clear, actionable strategies.

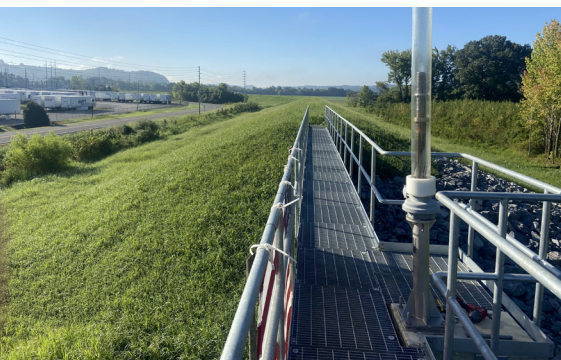
STRATEGIZE: TRANSLATE SCIENCE, MODELS, & ANALYTICS INTO ACTION PLANS

Organizations need clear, science-based strategies to navigate regulatory change, strengthen infrastructure performance, and steward natural resources. CEC translates climate analytics, environmental data, and regulatory requirements into decision-ready, practical plans that can be implemented with confidence. We help you convert data into actions to achieve resilience.

Adaptation Strategy Services:

- Climate adaptation planning
- Nature-based adaptation solutions
- Permitting and land-use alignment
- Sustainable site and facility planning

Environmental Risk & Resilience Services



Resilience Strategy Services:

- Operational resilience planning
- Emergency response and recovery planning
- Portfolio-level resilience mapping
- Resilience performance standards

For organizations moving from prioritization to implementation, strategies can be advanced into engineered solutions.

BUILD: ENGINEER & IMPLEMENT DURABLE SOLUTIONS

Once adaptation and resilience strategies are defined, organizations need engineered solutions that strengthen assets, protect critical functions, and maintain reliable performance under changing conditions. CEC's engineers and scientists design and implement practical, cost-effective solutions that help your facilities withstand and recover from environmental stressors.

Adaptation & Resilience Engineering Services:

- Resilient infrastructure design
- Facility adaptation engineering
- Site-scale resilience improvements
- Implementation support for resilience projects

Nature-Based & Ecological Adaptation Solutions:

- Stream and floodplain restoration
- Wetland mitigation and creation
- Riparian and habitat enhancement
- Nature-based adaptation features

As adaptation measures are implemented and conditions evolve, long-term resilience requires ongoing attention and adjustment.

MAINTAIN: MONITORING, MANAGEMENT & LONG-TERM RESILIENCE SUPPORT

Resilient operations require ongoing attention as conditions, regulations, and organizational needs evolve. CEC provides targeted and periodic monitoring, maintenance, and performance evaluation to ensure that engineered and nature-based adaptation measures remain effective, and organizations stay prepared for emerging challenges.

Resilience Monitoring & Maintenance Services:

- Periodic climate-risk updates
- Performance monitoring of adaptation measures
- Maintenance of engineered and nature-based solutions
- Resilience health checks

Readiness, Training & Stakeholder Engagement:

- Operational readiness reviews
- Training for facility and operations teams
- Stakeholder-aligned reporting
- Technology and monitoring updates, as appropriate

CEC recognizes that environmental risk and resilience challenges require individualized solutions. We help organizations assess priorities, identify resilience needs, and develop fit-for-purpose strategies. Whether you're evaluating risks or implementing change, our teams are ready to help you move forward with confidence.